



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, you are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/509,373
Filing Date	9 April 2003
First Named Inventor	ADAR, Roy et al.
Art Unit	
Examiner Name	

Attorney Docket Number 101374.55471

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
1	US-7,076,427	7-11-2006		SCARANO et al	
2	US-6,081,606	6-27-2000		HANSEN ET AL	
3	US-2002/005898	1-17-2002		KAWADA RYOICHI ET AL	
4	US-US 2003/0033145	2-13-2003		PETRUSHIN	
5	US-US 2004/0249650	12-9-2004		FREEDEMAN ET AL	
6	US-2004/0098295	5-20-2004		SARLAY et al	
7	US-2003/0163360	8-28-2003		GALVIN	
8	US-2004/0141508	7-22-2004		SCHOENEBERGER et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
9	WO 02/37856		5-10-2002	DYNAPEL SYSTEMS, INC		
10	WO 04 091250		21-10-2004	LAIHO, Keijo et al		
11	EP 1 484 892		8-12-2004	Nortel Networks		
12	DE10358333		14-7-2005	Siemens AG		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc) date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
13		article SERTAINTY - Automated Quality Monitoring - SER Solutions, Inc. - 21680 RidgeTop Circle Dulles, VA - WWW.ser.com	
14		article SERTAINTY - Agent Performance Optimization - 2005 SE Solutions, Inc	
15		Lawrence P. Mark SER - White Paper - Sertainty Quality Assurance - 2003 -2005 SER Solutions Inc.	
16		Douglas A. Reynolds Robust Text Independent Speaker Identification Using Gaussian Mixture Speaker Models - IEEE Transactions on Speech and Audio Processing, Vol 3, No 1, January 1995	
17		Chaudhari, Navratil, Ramaswamy, and Maes Very Large Population Text-Independent Speaker Identification Using Transformation Enhanced Multi-Grained Models - Upendra V. Chaudhari, Jiri Navratil, Ganesh N. Ramaswamy, and Stephane H. Maes - IBM T.J. Watson Research Centre - October 2000	
18		Douglas A. Reynolds, Thomas F. Quatieri, Robert B. Dunn Speaker Verification Using Adapted Gaussian Mixture Models - 01-Oct-2000	
19		Yaniv Zigel and Moshe Wasserblat - How to deal with multiple-targets in speaker identification systems?	
20		A tutorial on text-independent speaker verification - Frederic Bimbot, Jean Bonastre, Corinne Fredouille, Guillaume Gravier, Ivan Chagnolleau, Sylvain Meignier, Teva Merlin, Javier Ortega Garcia, Dijana Deacretaz, Douglas Reynolds - 8 August 2003	
21		Yeshwanth K. Muthusamy et al - Reviewing Automatic Language Identification IEEE Signal Processing Magazine 33-41	
22		Marc A. Zissman - Comparison of Four Approaches to Automatic Language	

		Identification of Telephone Speech IEEE Transactions on Speech and Audio Processing, Vol. 4, 31-44	
23		Towards an Automatic Classification Of Emotions In Speech – N. Amir. S. Ron	
Signature	/Shewana Skinner/	Considered	04/10/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹. Applicant's unique citation designation number (optional). ². Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

